Beams are designed as support for bridges. The beams are constructed using rods. The length of the beam is determined by the number of rods used to construct the bottom of the beam. This is a beam that is 4 rods long. Each line segment in the diagram represents one rod.

How many rods are in a beam that is 10 rods long? n rods long?

Model your beams using toothpicks (even if you think you don’t need to!) AND be sure you can connect your *n*th term form to your physical model, or your process of modeling.